

CPAP EXPERIENCE SHARING

**BUNGOMA COUNTY REFERRAL HOSPITAL
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**KPA 2016
26th April 2016**

Outline

- Background
 - Reason for CPAP
 - Who applied CPAP
 - Duration on CPAP
 - Outcomes
 - Adverse events
 - Challenges
 - Way forward
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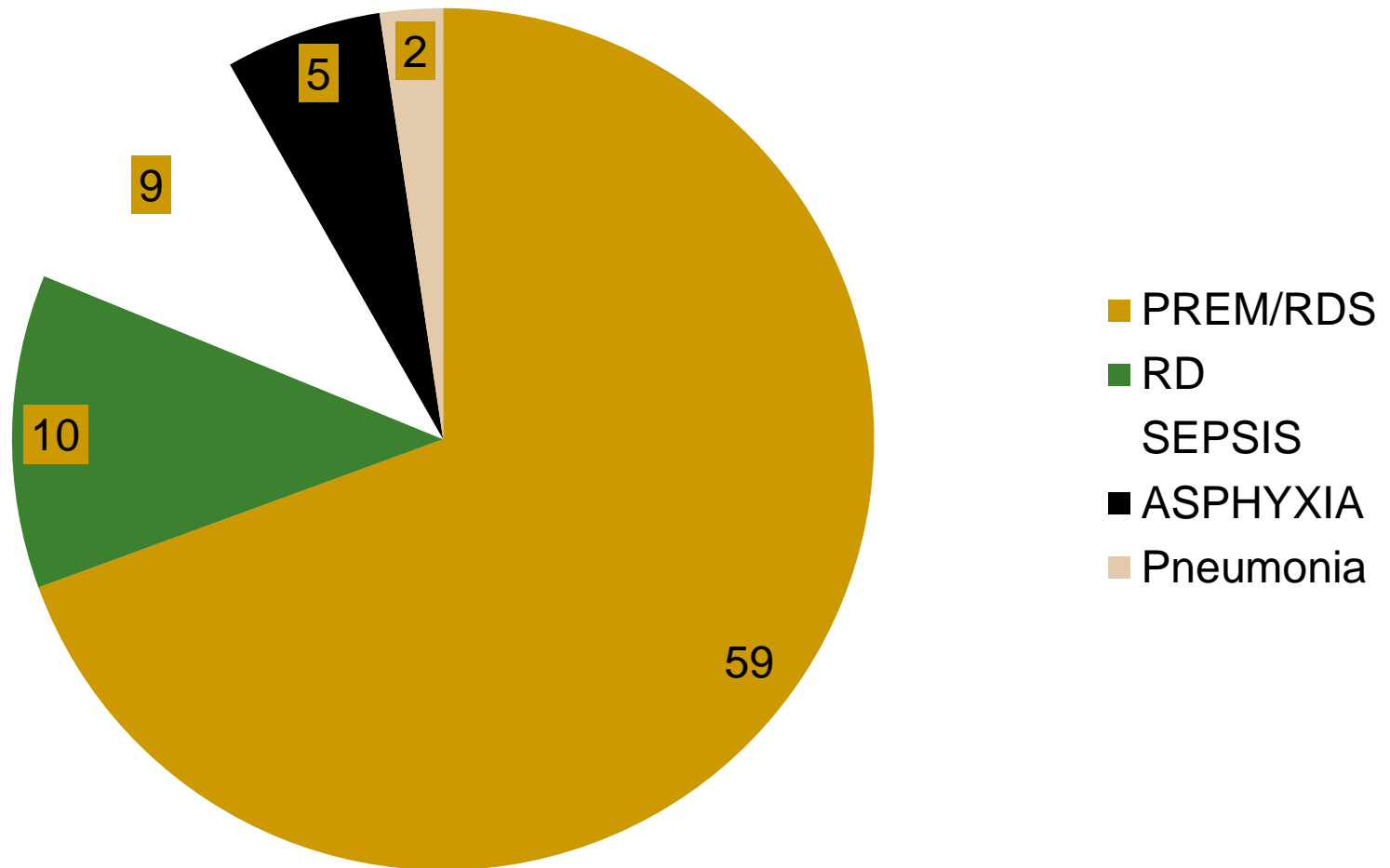
Background

- Began in August 2014 after TOT training with two machines
 - 4 TOTs- Paediatrician, 1M.O, 2 Nurses
 - Internal CME and trainings
 - Mainly used in new born unit
 - Added a 3rd machine in Feb 2016
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Statistics

- 85 patients by end of March 2016
 - 53 male, 32 female (M: F=1:1.6)
 - NBU 83, Paeds Ward 2
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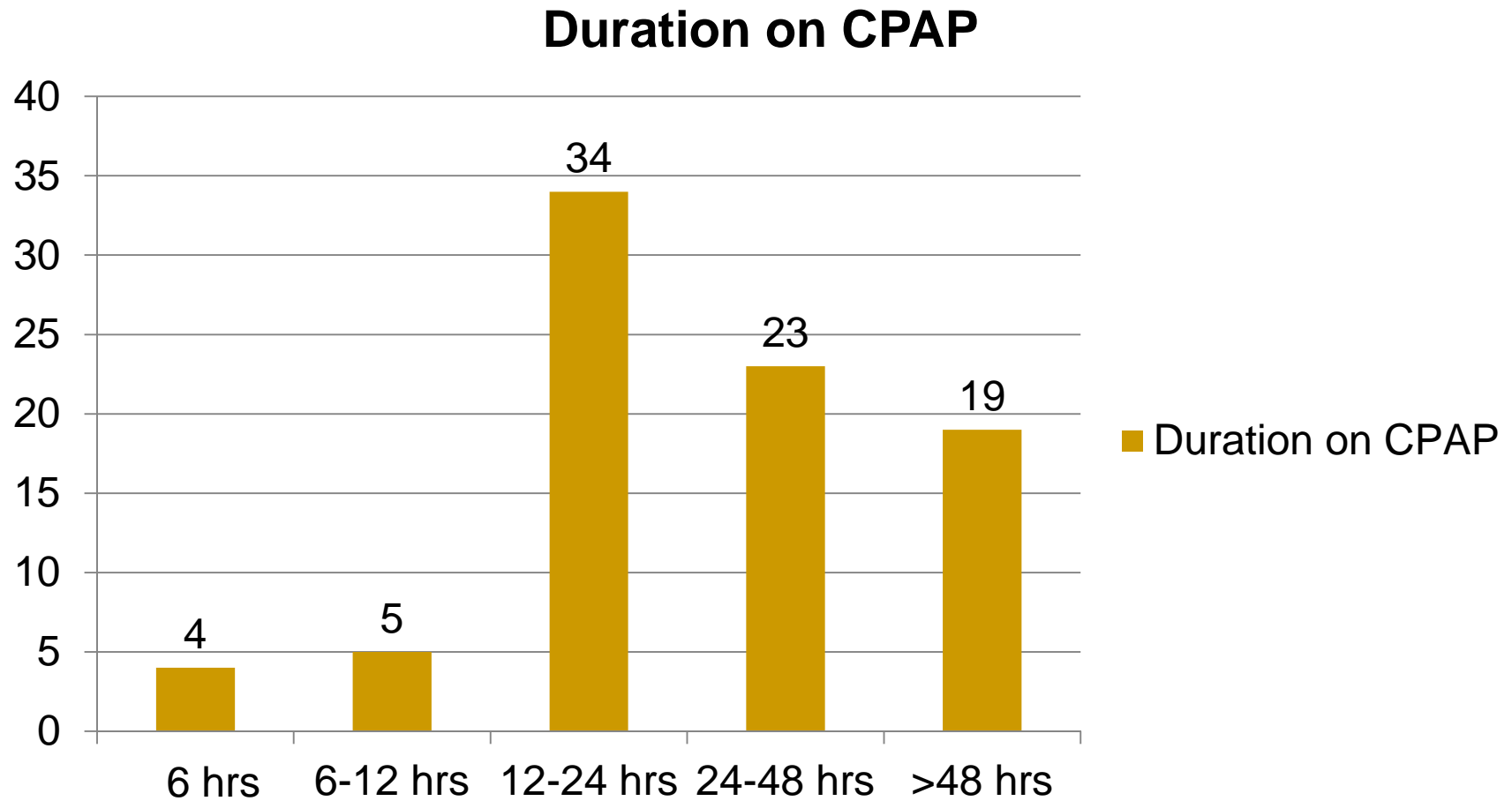
Reason for CPAP



Who applied CPAP

- Majority were applied by nurses (73%)
 - Teach interns and students during application
 - Emphasis on patient identification
 - Silverman-Anderson score
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Duration on CPAP



Outcomes

- Alive, discharged home– 72% (61/85)
 - Deaths– 28% (24/85)
 - Prolonged stay– BPD, Aspiration, CHD
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Adverse events

- 2.3% (2/86)
 - Vomiting
 - Injury to the nostrils
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Challenges

- Patient identification
 - Space
 - Loss of CPAP accessories– nasal prongs;
SIZE 0
 - Attitude
 - Few machines
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Way forward

- Continuous OJT– qualified staff, interns and students
 - Periodic Replacement of accessories
 - More machines– KPA, County
 - Expansion of NBU
 - Dissemination of 2016 basic Paediatric protocol
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Thank You

